AMENDMENTS TO THE SPECIFICATION

Replace the paragraph beginning at page 8, line 7 with:

Referring to FIGS. 1, 2A, 2B and 3, the rotor 30 includes a rotor core 31 and the aforementioned permanent magnets 32a, 32b attached to a curved outer surface of the rotor core 31. The permanent magnets 32a and the permanent magnets 32b are disposed in an upper row and a lower row, respectively, in such a manner that N and S poles are alternately arranged in each row along the circumference of the rotor core 31. Respective gaps 32e and 32f on the circumference of the rotor core 31 separate adjacent pairs of the poles of the magnets 32a and 32b, respectively. The permanent magnets 32a in the upper row and the permanent magnets 32b in the lower row are offset, or skewed, in the circumferential direction of the rotor core 31 by a row-to-row skew angle (electrical angle) θe. As can be seen from the Figures, the number of magnetic poles of the rotor 30 is 8 and the number of permanent magnet rows is 2 in this embodiment.

Replace the paragraph beginning at page 19, line 7 with:

As shown in FIG. 15, a rotor 30 includes a rotor core 31 and four rows of permanent magnets 32a, 32b, 32c, 32d attached to a curved outer surface of the rotor core 31 in such a manner that N and S poles are alternately arranged along the circumference of the rotor core 31 in each row. Each row of magnets includes corresponding gaps 32e, 32f, 32g, and 32h, between adjacent pairs of the poles of the magnets 32a, 32b, 32c, and 32d, respectively. These permanent magnets 32a, 32b, 32c, 32d are disposed in consideration of a row-to-row skew angle between the permanent magnets 32a and 32b in the upper two (first and second) rows and between the permanent magnets 32c, 32d in the lower two (third and fourth) rows, as well as a row-to-row skew angle between the upper two magnet rows and the lower two magnet rows.